SECTION J
ATTACHMENT NO. EPP-III SPARES (PATRIOT SYSTEM - CABLE ASSEMBLY, SPECIAL) CONTRACT NO. FRAB F28(03)
SOLICITATION NO. _____ NSN. VARIOUS

DS7031

PRESERVATION, PACKING AND MARKING INSTRUCTIONS:

ITEM NO.	QUANTITY	PROTECTION REQUIRED	PACKAGING REFERENCE (SPECIFICATION) OR (SPECIAL PACKAGING INSTRUCTION) PKG-REF	LEVEL OF PACKING LPK	QUANTITY PER UNIT PACK
		MILITARY	NAS-3426 (ATTACHED)	MINIMAL	QQ1

SUPPLEMENTAL REQUIREMENTS

THIS REQUIREMENT APPLIES TO ALL CABLE ASSEMBLIES LISTED IN THIS SOW.

NO CHANGES IN MATERIALS/PROCEDURES IDENTIFIED IN THE PACKAGING REFERENCE/PRESCRIPTION ABOVE ARE ALLOWED UNLESS THE FEDERAL OR MILITARY SPECIFICATIONS HAVE BEEN CANCELED & SUPERSEDED OR REPLACED BY A NON-GOVERNMENT STANDARD OR COMMERCIAL ITEM DESCRIPTION (I.E. ASTM OR CID) WHICH HAS BEEN ADOPTED/ACCEPTED BY DOD. IF OTHER THAN THE ABOVE ARE REQUESTED, THEY MUST BE SUBMITTED FOR REVIEW IN ACCORDANCE WITH THE PACKAGING WAIVERS OR DEVIATIONS CLAUSE OR THE CONDITIONS FOR ACCEPTABILITY OF COMMERCIAL PACKAGING CLAUSE (ALTERNATE PACKAGING CLAUSE).

MARKING: ALL UNIT PACKS, INTERMEDIATE PACKS, AND EXTERIOR SHIPPING CONTAINERS SHALL BE LEGIBLY AND DURABLY MARKED IN ACCORDANCE WITH MIL-STD-129.

WHEN BOX IS CHECKED, THE APPLICABLE "SPECIAL MARKINGS" ARE REQUIRED IN ACCORDANCE WITH MIL-STD-129.

( ) PROJECT CODE ( ) WARRANTY/GUARANTEE ( ) SHELF LIFE

(X) BAR CODE. NOTE: BAR CODE MARKING IS MANDATORY UNLESS THE FOLLOWING BLOCK IS CHECKED: ( ) EXEMPT

( ) FOREIGN MILITARY SALES

ATTACHMENT 005

for F28(43)

NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036

1.0 SCOPE This standard provides a method for the packaging of electrical harness and cable assemblies.

2.0 REFERENCES

2.1 General Packaging Standard NAS 850.

3.0 REQUIREMENTS

3.1 GENERAL

3.1.1 Requirements of General Packaging Standard NAS 850 are part of this standard except as noted herein.

3.1.2 Packaging and packing of electrical harness and cable assemblies in straight lengths is preferred. Harness and cable assemblies may be coiled when necessary for reduction of cube, case of handling and distribution of packed weight.

3.1.3 Minimum coil diameter and uniform configuration shall be observed whenever it is necessary to coil harness or cable assemblies. Kinking shall not be permitted under any circumstances.

3.1.4 Preformed items shall be packaged to ensure that the design configuration is retained when specified on the Engineering drawing.

3.1.5 No coil shall have an inside diameter of less than 10 times the item's largest cross-section diameter. Minimum inside coil diameter for solid metal jacketed coaxial (e.g. aljak, heliax, spir-o-line) shall be 36 inches regardless of item diameter.

CAUTION: ENSURE THAT WIRES ARE NOT STRAINED AT SPLICED AREAS OR PROCESSED TERMINATION POINTS WHEN COILING.

3.1.6 Processed terminations, couplings, fittings, etc., shall conform to the configuration and not be forced into the coil void space.

3.2 UNIT PACKAGING

3.2.1 The quantity per unit package shall be as follows, unless otherwise specified by the procurement document:

One (1) each (length, type or size)

3.2.2 When coiling is employed, items shall be coiled in successive turns or layers in uniform, compact configurations on spools or reels, or coiled and secured within suitable containers.

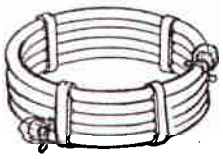
3.2.3 Coiled assemblies shall be adequately secured by blocking, bracing, cushioning, affixing to core spools, and/or by placing tape or strapping equally spaced around the circumference of the coil to ensure that the configuration of the coiled layers is maintained. Spools and reels (wood, steel or fiber) are acceptable if their drum diameters meet the minimum coil diameter (bend radius) requirements and if they will accommodate the bulk and weight of the item. Steel strapping shall not be used. When used, the flanges of any spool or reel shall extend beyond the coiled unit.

3.2.4 Heliax cable shall be coiled on a fixed reel within a container. Blocking and bracing shall not be used for heliax cable.

NOTE: Steel spools shall not be used with solid metal-jacketed coaxial cables.

3.2.5 All unit openings shall be closed with protective plugs or caps. Alternate methods which provide the intended protection are acceptable.

3.2.6 All cable harness terminations shall be wrapped or bagged with plastic material taped or tied in place, then overwrapped with cushioning material.



3.3 INTERMEDIATE PACKAGING

3.3.1 Intermediate packaging shall be in accordance with applicable requirements of NAS 850.

3.4 PACKING

3.4.1 Exterior packing shall be in accordance with applicable requirements of NAS 850.

3.5 MARKING

3.5.1 Unit, intermediate, and exterior containers shall be marked in accordance with applicable requirements of NAS 850.

① COMPLETELY REVISED

LIST OF CURRENT SHEETS

REV.	NO.
1	1
2	1

CUSTODIAN: MANUFACTURING COMMITTEE

PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION
NONE	ELECTRICAL HARNESS-CABLE ASSEMBLIES, PACKAGING OF	PACKAGING STANDARD
		NAS 3426
		Sheet 1 of 2

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4.0 QUALITY ASSURANCE

4.1 Packages which do not conform to these requirements are subject to rejection and return to supplier at his expense.

(1) COMPLETELY REVISED

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